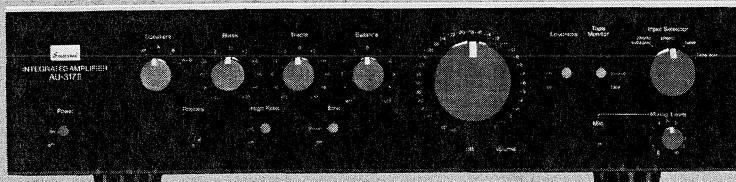


SERVICE MANUAL

INTEGRATED STEREO AMPLIFIER

SANSUI AU-117II AU-217II AU-317II



Sansui

SANSUI ELECTRIC CO., LTD.

SPECIFICATIONS

● AU-117II

Power output

Min. RMS, both channels driven, from 20 to 20,000 Hz,
with no more than 0.17 % harmonic distortion.
25 watts per channel into 8 ohms

Load impedance

8 ohms

Total harmonic distortion

less than 0.17 % at or below rated
min. RMS power output

Intermodulation distortion (70 Hz : 7 kHz = 4:1 SMPTE method)

less than 0.17 % at or below rated
min. RMS power output

Frequency response (at 1 watt)

10 to 40,000 Hz +0.5 dB -2 dB

Damping factor

approximately 50 at 8 ohms load

RIAA curve deviation (PHONO)

+0.5 dB -0.5 dB
(30 to 15,000 Hz)

Input sensitivity and impedance (1 kHz, for rated power output)

PHONO 2.5 mV/47 kilohms
(Max. input capability; 160 mV at 1 kHz, less than
0.2 % total harmonic distortion)

AUX, TAPE 150 mV/47 kilohms

Output level (1,000 Hz)

TAPE REC (pin jack)

150 mV/47 kilohms

Channel separation (1 kHz, at rated power output)

PHONO better than 65 dB

AUX better than 68 dB

Hum and noise (short-circuit, A-network)

PHONO 76 dB

AUX 95 dB

Controls

BASS ±12 dB (50 Hz)

TREBLE ±11 dB (15 kHz)

HIGH FILTER -3 dB (7 kHz), 6 dB/oct

LOUDNESS (-30 dB)

8 dB at 50 Hz

6 dB at 10 kHz

Power requirements

Power voltage 100, 120, 220, 240 V
(50/60 Hz)

For U.S.A. and Canada

120 V (60 Hz)

Power consumption

80 watts

Dimensions

430 mm (16-15/16") W

110 mm (4-3/8") H

340 mm (13-7/16") D

Weight

6.7 kg (14.8 lbs) net

8.2 kg (18.1 lbs) packed

● AU-217II

Power output

Min. RMS, both channels driven, from 20 to 20,000 Hz,
with no more than 0.06 % harmonic distortion.
40 watts per channel into 8 ohms

Load impedance

8 ohms

Total harmonic distortion

less than 0.06 % at or below rated
min. RMS power output

Intermodulation distortion (70 Hz : 7 kHz = 4:1 SMPTE method)

less than 0.06 % at or below rated
min. RMS power output

Frequency response (at 1 watt)

10 to 50,000 Hz +0.5 dB -1.5 dB

Damping factor

approximately 80 at 8 ohms load

RIAA curve deviation (PHONO)

+0.5 dB -0.5 dB

(30 to 15,000 Hz)

to be continued ▶

<AU-217II>

Input sensitivity and impedance (1 kHz, for rated power output)

PHONO 2.5 mV/47 kilohms
(Max. input capability; 200 mV at 1 kHz, less than 0.05 % total harmonic distortion)

AUX, TAPE 150 mV/47 kilohms

Output level (1,000 Hz)

TAPE REC (pin jack) 150 mV/47 kilohms

Channel separation (1 kHz, at rated power output)

PHONO better than 65 dB

AUX better than 68 dB

Hum and noise (short-circuit, A-network)

PHONO 76 dB

AUX 95 dB

Controls

BASS ± 12 dB (50 Hz)

TREBLE ± 11 dB (15 kHz)

PHONO SUBSONIC -3 dB (13 Hz), 6 dB/oct

HIGH FILTER -3 dB (7 kHz), 6 dB/oct

LOUDNESS (-30 dB) 8 dB at 50 Hz
6 dB at 10 kHz

Power requirements

Power voltage 100, 120, 220, 240 V
(50/60 Hz)

For U.S.A. and Canada 120 V (60 Hz)

Power consumption 120 watts

Dimensions 430 mm (16-15/16") W
110 mm (4-3/8") H
340 mm (13-7/16") D

Weight 8.3 kg (18.3 lbs) net
9.8 kg (21.6 lbs) packed

● AU-317II
Power output

Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.03 % harmonic distortion.

60 watts per channel into 8 ohms

Load impedance 8 ohms

Total harmonic distortion

. less than 0.03 % at or below rated min. RMS power output

* Design and specifications subject to change without notice for improvements.

Intermodulation distortion (70 Hz : 7 kHz = 4:1 SMPTE method) less than 0.03 % at or below rated min. RMS power output

Frequency response (at 1 watt)

. 5 to 70,000 Hz +0 dB -1.8 dB

Damping factor (1 kHz, both channels driven)

. 70 into 8 ohms

RIAA curve deviation (PHONO, 20 Hz to 20 kHz)

. +0.2 dB, -0.2 dB

Input sensitivity and impedance (1 kHz)

PHONO 2.5 mV/47 kilohms
(Max. input capability; 220 mV at 1 kHz, less than 0.08 % total harmonic distortion)

AUX, TAPE 150 mV/47 kilohms

MIC 8 mV/10 kilohms

Output level and impedance (1,000 Hz)

TAPE REC 150 mV/47 kilohms

Channel separation (1 kHz, at rated power output)

PHONO better than 65 dB

AUX better than 75 dB

Hum and noise (short-circuit, A-network)

PHONO 77 dB

TAPE/AUX 100 dB

Controls

BASS ± 11 dB (50 Hz)

TREBLE ± 10 dB (15 kHz)

PHONO SUBSONIC -3 dB (13 Hz), 6 dB/oct

HIGH FILTER -3 dB (7 kHz), 6 dB/oct

LOUDNESS (VOLUME control: -30 dB) 9 dB at 50 Hz
7 dB at 10 kHz

Power requirements

Power voltage 100, 120, 220, 240 V
(50/60 Hz)

For U.S.A. and Canada 120 V (60 Hz)

Power consumption

Maximum consumption 180 watts

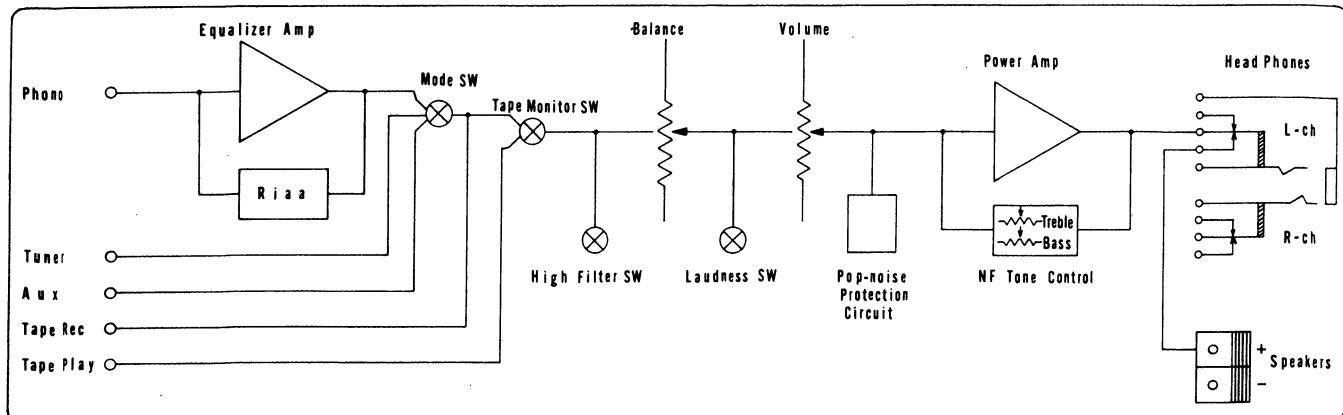
Rated consumption 180 watts 220 VA

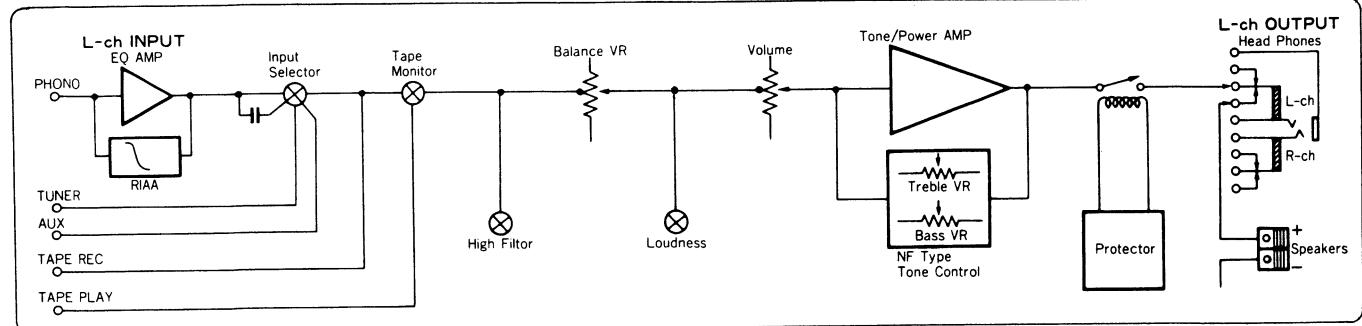
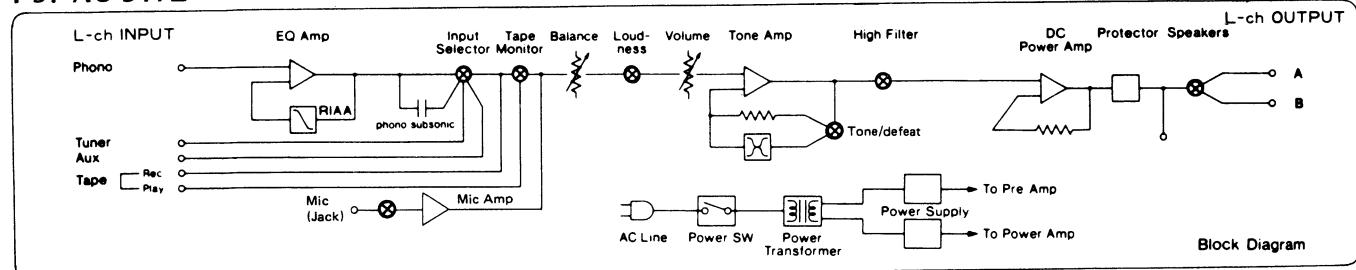
Dimensions 430 mm (16-15/16") W
110 mm (4-3/8") H
340 mm (13-7/16") D

Weight 9.8 kg (21.6 lbs) net
11.3 kg (24.9 lbs) packed

1. BLOCK DIAGRAM

1-1. AU-117II



1-2. AU-217II**1-3. AU-317II****2. ADJUSTMENTS**

Note: 1. Master Volume Minimum
2. Room Temperature 18°C ~ 28°C
(65°F ~ 83°F)

2-1. AU-117II**A) Bias Current adjustment (see the picture of Bottom View on page 7)**

Note: 1. By turning adjustment volumes, VR05 and VR06 counterclockwise, the bias current is decreased.

	EQUIPMENT	MEASURE OUTPUT	ADJUST	ADJUST FOR
L-ch	DC Volt Meter	Between TP01 (+) and TP03 (-) F-2728	VR05 F-2728	13 mV
R-ch	DC Volt Meter	Between TP02 (+) and TP04 (-) F-2728	VR06 F-2728	13 mV

2-2. AU-217II**A) Bias Current adjustment (see the picture of Top View on page 8)**

Note: 1. By turning adjustment volumes, VR01 and VR02 counterclockwise, the bias current is decreased.

	EQUIPMENT	MEASURE OUTPUT	ADJUST	ADJUST FOR
L-ch	DC Volt Meter	TP Terminal (+) (-) of F-2760	F-2760 VR01	7 mV
R-ch	DC Volt Meter	TP Terminal (+) (-) of F-2760	F-2760 VR02	7 mV

3. For adjustment, run the unit for more than 3 minutes after the power is switched on.

2-3. AU-317II**A) DC 0V adjustment (see the picture of Top View on page 8)**

Note: At first, set VR01, VR03 for L-CH and VR02, VR04 for R-CH to center position, then make the rough adjustment by VR03, VR04 and fine adjust by VR01, VR02.

	EQUIPMENT	MEASURE OUTPUT	ADJUST	ADJUST FOR
L-ch	DC Volt Meter	Speaker Terminal between (+) and (-)	F-2754 VR03, VR01	DC 0V
R-ch	DC Volt Meter	Speaker Terminal between (+) and (-)	F-2754 VR04, VR02	DC 0V

B) Bias Current adjustment (see the picture of Top View on page 8)

Note: 1. By turning adjustment volumes, VR05 and VR06 counterclockwise, the bias current is decreased.

	EQUIPMENT	MEASURE OUTPUT	ADJUST	ADJUST FOR
L-ch	DC Volt Meter	Between TP01 (+) and TP03 (-) F-2754 VR05	F-2754 VR05	13 mV
R-ch	DC Volt Meter	Between TP02 (+) and TP04 (-) F-2754 VR06	F-2754 VR06	13 mV

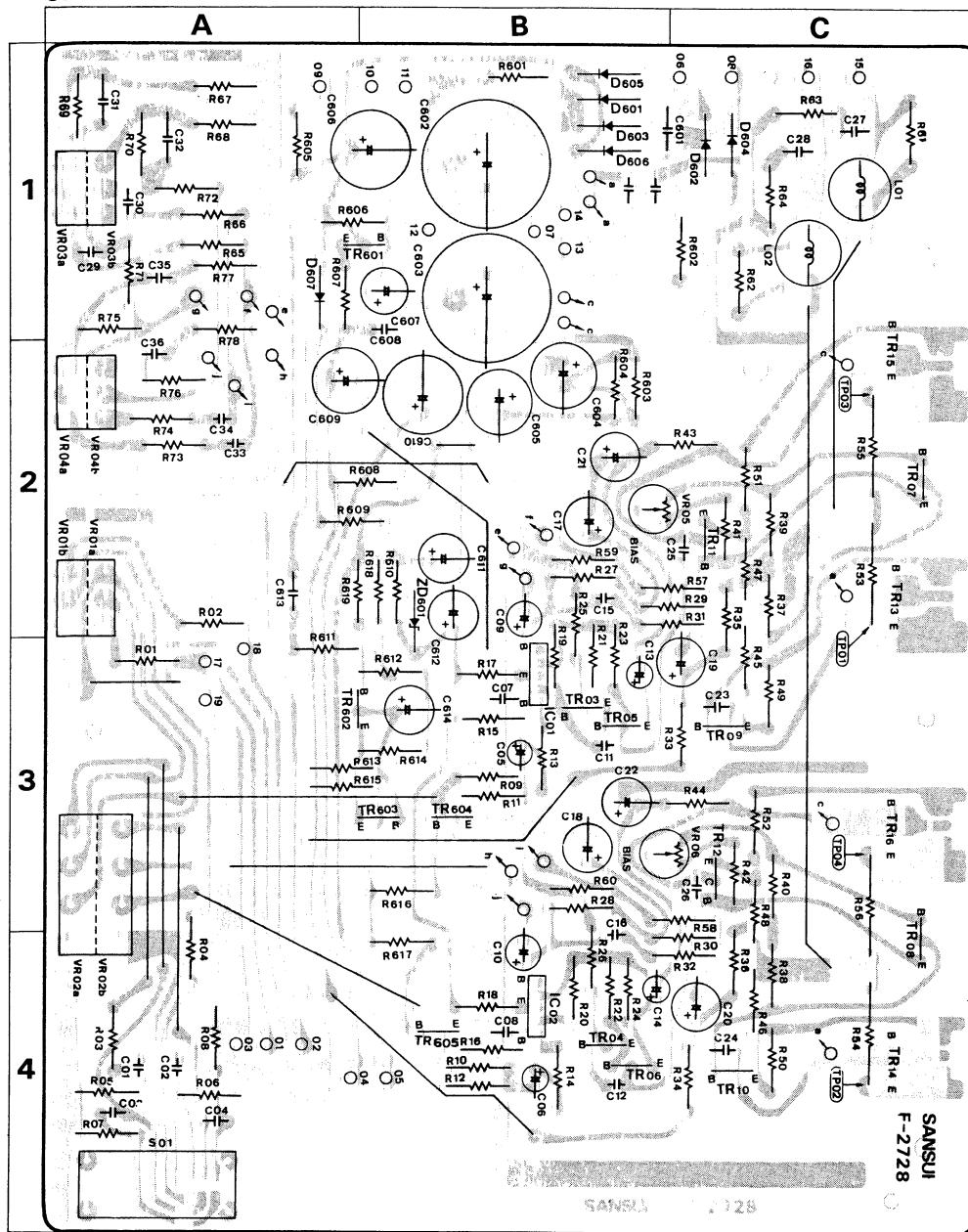
3. PARTS LOCATION & PARTS LIST

3-1. AU-117II

A) F-2728 Tone Control & Driver Circuit Board (Stock No. 7572221) (AU-117II Only)

Since some of capacitors and resistors are omitted from parts lists in this Service Manual, refer to the common parts list for capacitors & resistors which was appended previously to each Sansui Manual

Conductor Side



Parts List

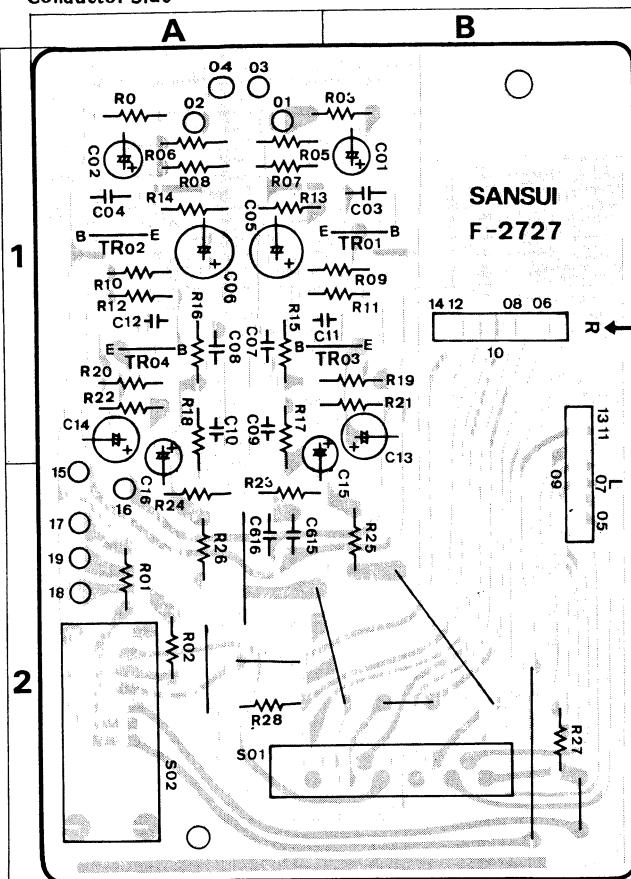
Parts No.	Stock No.	Description	Position
•Transistor			
TR03, 04	0306740, 1	2SC1845 F	3B.4B
TR05, 06	0306740, 1	2SC1845 F	3B.4B
TR07, 08	0306070, 1	2SC1313 F, G	2C.4C
TR09, 10	0308520, 1	2SD438 D, E	3C.4C
TR11, 12	0303360, 1	2SB560MP D, E	2C.3C
TR13, 14	0306541, 2	2SC1986 O, Y	2C.4C
TR15, 16	0300911, 2	2SA771 (O), (Y)	1C.3C
TR601	0306740, 1	2SC1845 F, E	1B
TR602	0305951, 2	2SC945 Q, P	3B
TR603	0305951, 2	2SC945 O, P	3B
TR604	0305951, 2	2SC945 Q, P	3B
TR605	0305951, 2	2SC945 Q, P	4B
•IC			
IC 01, 02	0360290, 1	2SA798 F, G	3B.4B
•Diode			
D 601	0310340	10D1	1B
D 602	0310340	10D1	1C

Parts No.	Stock No.	Description	Position
D 603	0310340	10D1	1B
D 604	0310340	10D1	1C
D 605	0310340	10D1	1B
D 606	0310340	10D1	1B
D 607	0311160	1S2473D	1A
•Zener Diode			
ZD601	0315970	EQAOA1-13R	2B
C 01, 02	0620391	390pF 50V P.C.	4A
C 601	0655103	10000pF 500V C.C.	1B
C 602	0549010	6800pF 35V E.C.	1B
C 603	0549010	6800pF 35V E.C.	1B
R 43, 44	0191101	100Ω 1/4W F.R.	2C.3C
R 45, 46	0191221	220Ω 1/4W F.R.	3C.4C
R 47, 48	0191221	220Ω 1/4W F.R.	2C.3C
R 49, 50	0191689	6.8Ω 1/4W F.R.	3C.4C
R 51, 52	0191689	6.8Ω 1/4W F.R.	2C.3C
R 53, 54	0212338	0.33Ω 2W N.I.R.	2C.4C

Part No.	Stock No.	Description	Position
R 55, 56	0212338	0.33Ω 2W N.I.R.	2C.3C
R 603	0192681	680Ω 1/2W F.R.	2B
R 607	0191220	22Ω 1/4W F.R.	1A
R 608	0191181	180Ω 1/4W F.R.	2B
L 01, 02	4210290	1.5μH Inductor	1C
VR01	1015270, 1	250kΩ MN x 2 Volume, balance	2A
VR02	1011120, 1	250kΩ A x 2 Volume, master	3A
VR03	1015260, 1	100kΩ C x 2 Volume, bass	1A
VR04	1015260, 1	100kΩ C x 2 Volume, treble	2A
VR05, 06	1035050	470Ω B Volume, bias current	2B.3C
S 01	1171020	Lever Switch, loudness	4A

B) F-2727 Equalizer Circuit Board (Stock No. 7551491)(AU-117II Only)

Conductor Side



Parts List

Parts No.	Stock No.	Description	Position
Transistor			
TR01, 02	0301090, 1	2SA992 F	1B.1A
TR03, 04	0306740, 1	2SC1845 F	1B.1A
S 01			
S 02	1101800	Rotary Switch, input selector 2B	
S 02	1171050	Lever Switch, tape monitor 2A	

Note:

The circuit boards, F-2726, F-2729 & F-2731 are not supplied as the assembled, the individual parts on the circuit boards, however are provided for orders.

C) F-2726 Input Terminal Circuit Board (AU-117II Only)

Parts List

Stock No.	Description
2200580	4P Input Terminal, tuner, aux, tape
2200600	2P Input Terminal, phono

D) F-2729 Filter Circuit Board (AU-117II Only)

Parts List

Parts No.	Stock No.	Description
S 01	1171020	Lever Switch, high filter

E) F-2731 Voltage Selector Circuit Board (AU-117II Only)

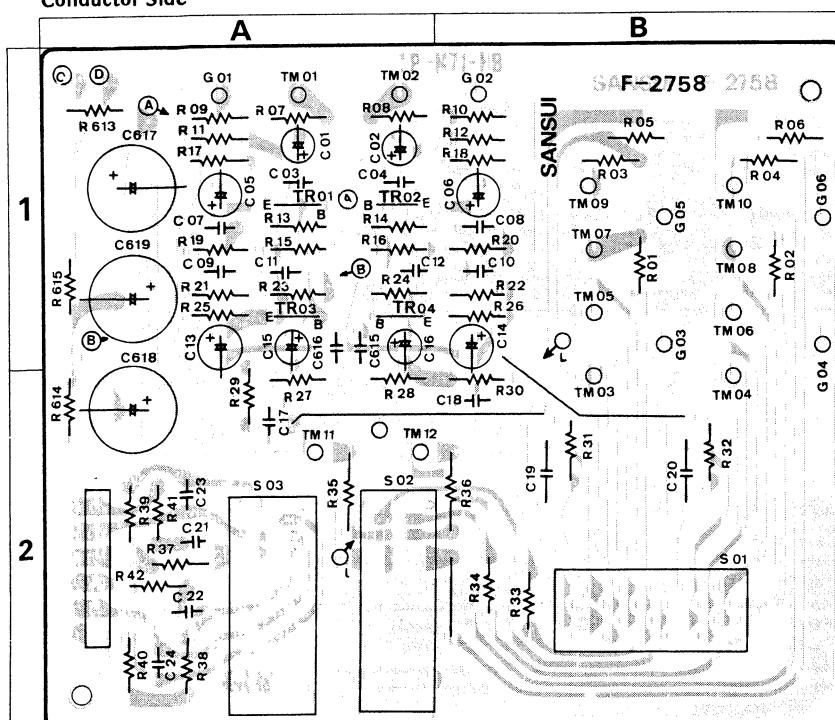
Parts List

Parts No.	Stock No.	Description
F 01	0432220	1A 250V AC Fuse
	0432240	2A 250V AC Fuse
	2310220	Fuse Holder (Large)

3-2. AU-217II

A) F-2758 Equalizer Circuit Board (Stock No. 7551481)(AU-217II Only)

Conductor Side

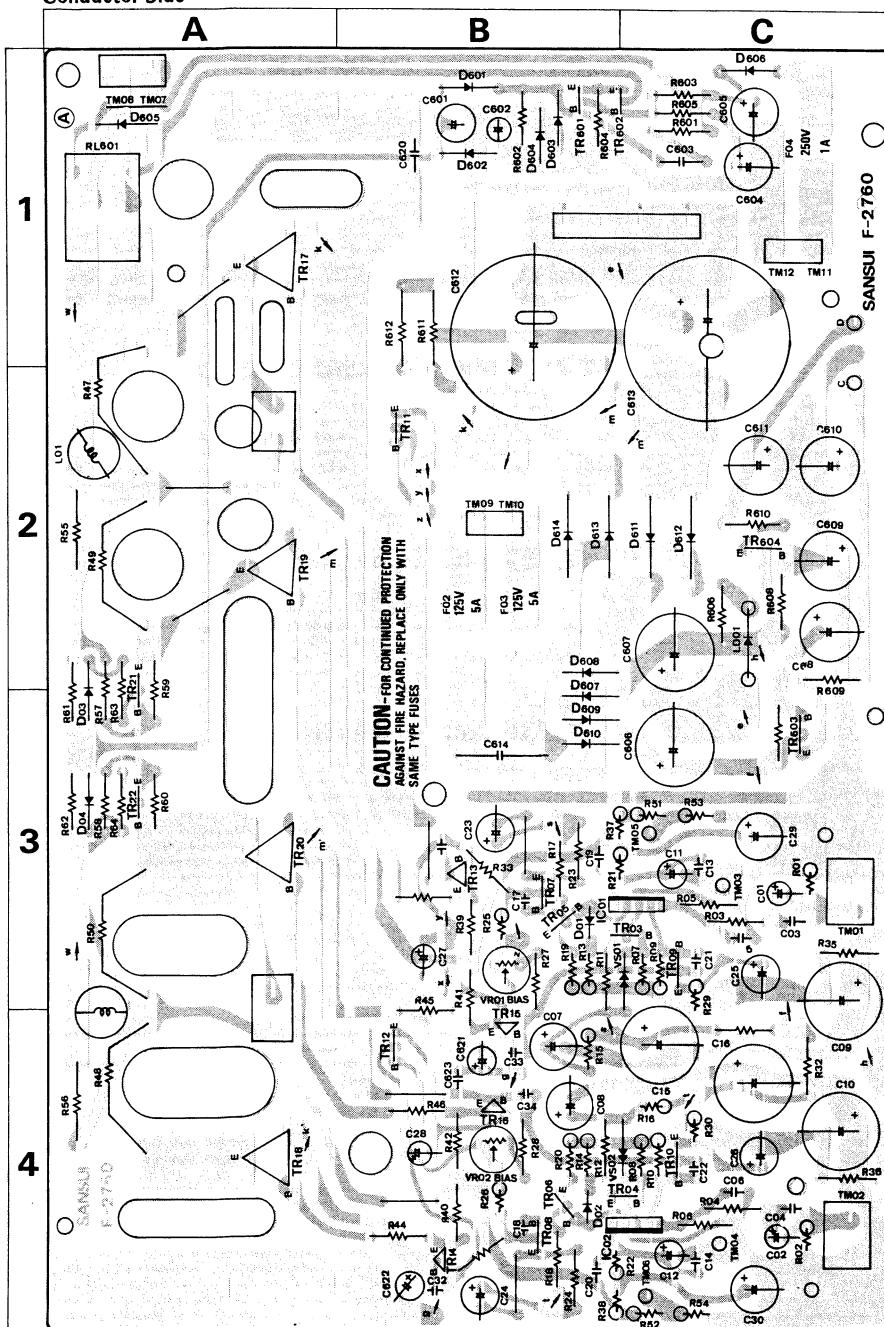


Parts List

Parts No.	Stock No.	Description	Position
Transistor			
TR01, 02	0301090, 1	2SA992 F	1A
TR03, 04	0306740, 1	2SC1845 F	1A
C 17, 18	0620621	620pF 50V P.C.	2A.2B
C 21, 22	0620391	390pF 50V P.C.	2A
S 01			
S 02	1102740	Rotary Switch, input selector 2B	
S 02	1171030	Lever Switch, tape monitor 2A	
S 04	1171020	Lever Switch, loudness	

B) F-2760 Power Amplifier Circuit Board (Stock No. 7572211) (AU-217II Only)

Conductor Side



Parts List

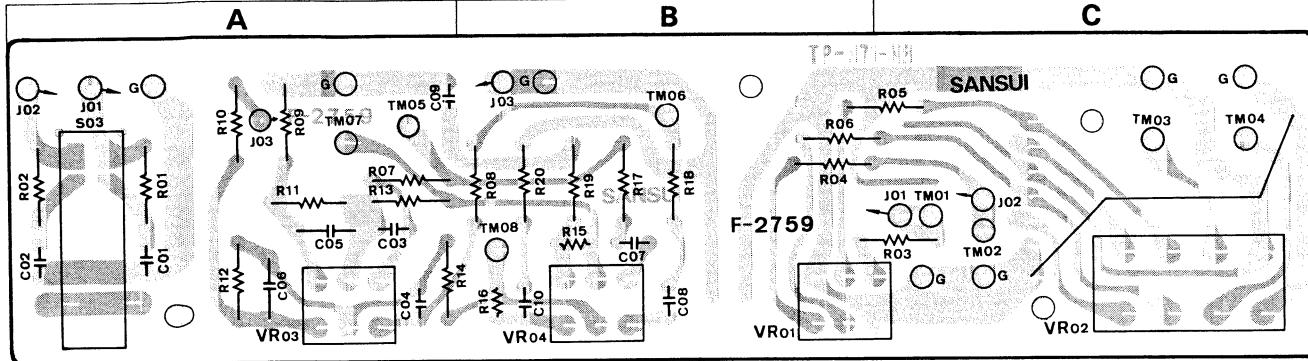
Part No.	Stock No.	Description	Position
Transistor			
TR03, 04	0300470, 1	2SA726 F, G	3C.4C
TR05, 06	0306740, 1	2SC1845 F, E	3B.4B
TR07, 08	0301090, 1	2SA992 F, E	3B.4B
TR09, 10	0306740, 1	2SC1845 F, E	3C.4C
TR11, 12	0306070, 1	2SC1313 F, G	2B.4B
TR13, 14	0308520, 1	2SD438 D, E	3B.4B
TR15, 16	0303360, 1	2SB560MP D, E	4B
TR17, 18	0308541, 2	2SD188A R, Q	1A.4A
TR19, 20	0303381, 2	2SB545A R, Q	2A.3A
TR21, 22	0305951, 2	2SC945 Q, P	2, 3A.3A
TR601	0305951, 2	2SC945 Q, P	1B
TR602	0305951, 2	2SC945 Q, P	1B, C
TR603	0308520, 1	2SD438 D, E	3C
TR604	0303360, 1	2SB560MP D, E	2C
IC			
IC 01, 02	0360290, 1	2SA798 F, G	3C.4C
Diode			
D 01, 02	0311160	1S2473D	3B.4B
D 03, 04	0311160	1S2473D	3A
D 601	0310400	1N34A	1B
D 602	0310400	1N34A	1B
D 603	0310400	1N34A	1B
D 604	0310400	1N34A	1B
D 605	0310340	10D1	1A
D 606	0310340	10D1	1C
D 607	0310340	10D1	3B
D 608	0310340	10D1	2B
D 609	0310340	10D1	3B
D 610	0310340	10D1	3B
D 611	0311530	30D2	2C
D 612	0311530	30D2	2C
D 613	0311530	30D2	2B
D 614	0311530	30D2	2B
Varistor			
VS01, 02	0340150	MV12	3C.4C
C 05, 06	0620101	100pF 50V P.C.	3C.4C
C 612	0549111	6800μF 50V E.C.	1B
C 613	0549111	6800μF 50V E.C.	1C
C 614	0603227	0.022μF 125V M.C.	3B
R 23, 24	0191820	8.2Ω 1/4W F.R.	3B.4B
R 29, 30	0193820	82Ω 1/4W F.R.	3C.4C
R 39, 40	0191221	220Ω 1/4W F.R.	3B.4B
R 41, 42	0191221	220Ω 1/4W F.R.	3B.4B
R 43, 44	0191689	6.8Ω 1/4W F.R.	4B
R 45, 46	0191689	6.8Ω 1/4W F.R.	4B
R 47, 48	0132338	0.33Ω 2W Ce.R.	2A.4A
R 49, 50	0132338	0.33Ω 2W Ce.R.	2A.3A
R 51, 52	0231302	3.0kΩ 1/2W M.R.	3C.4C
R 53, 54	0231241	240Ω 1/2W M.R.	3C.4C
R 606	0212122	2.2kΩ 1W N.I.R.	2C
R 611	0103682	6.8kΩ 1/2W C.R.	1B
R 612	0103682	6.8kΩ 1/2W C.R.	1B
L 01, 02	4210290	RF Coil 1.5μH	2A
RL601	{ 1150400 1150480 1150490	Relay Relay Relay	1A
VR01, 02	10365050	470Ω B Volume, bias current	3B.4B
F 02, 03	0432290	5A 150V AC Fuse	2B
F 04	0432220	1A 250V AC Fuse	1C
	2030050	Power Transistor Socket	

-Abbreviations

C.R.	: Carbon Resistor	E.C.	: Electrolytic Capacitor
S.R.	: Solid Resistor	B.P.E.C.	: Bi-Polar Electrolytic Capacitor
C.e.R.	: Cement Resistor	C.C.	: Ceramic Capacitor
M.R.	: Metal Film Resistor	M.i.C.	: Mica Capacitor
F.R.	: Fusing Resistor	O.C.	: Oil Capacitor
N.I.R.	: Non-Inflammable Resistor	P.C.	: Polystyrene Capacitor
M.C.	: Mylar Capacitor	T.C.	: Tantalum Capacitor

C) F-2759 Tone Control Circuit Board (Stock No. 7562791) (AU-217II Only)

Conductor Side



Parts List

Parts No.	Stock No.	Description	Position
VR01	1015270, 1	250kΩ MN x 2 Volume, balance	B
VR02	1011120, 1	250kΩ A x 2 Volume, master	C
VR03	1015260, 1	100kΩ C x 2 Volume, bass	A
	S 04	Lever Switch, hi filter	
VR04	1015260, 1	100kΩ C x 2 Volume, treble	B

Note: The circuit boards, F-2757, F-2755 & F-2731 are not supplied as the assembled, the individual parts on the circuit boards, however are provided for orders.

D) F-2757 Input Terminal Circuit Board (AU-217II Only)

Parts List
Stock No. Description
2200580 Input Terminal, tuner, aux, tape
2200600 Input Terminal, phono

E) F-2755 Output Connection Circuit Board (AU-217II Only)

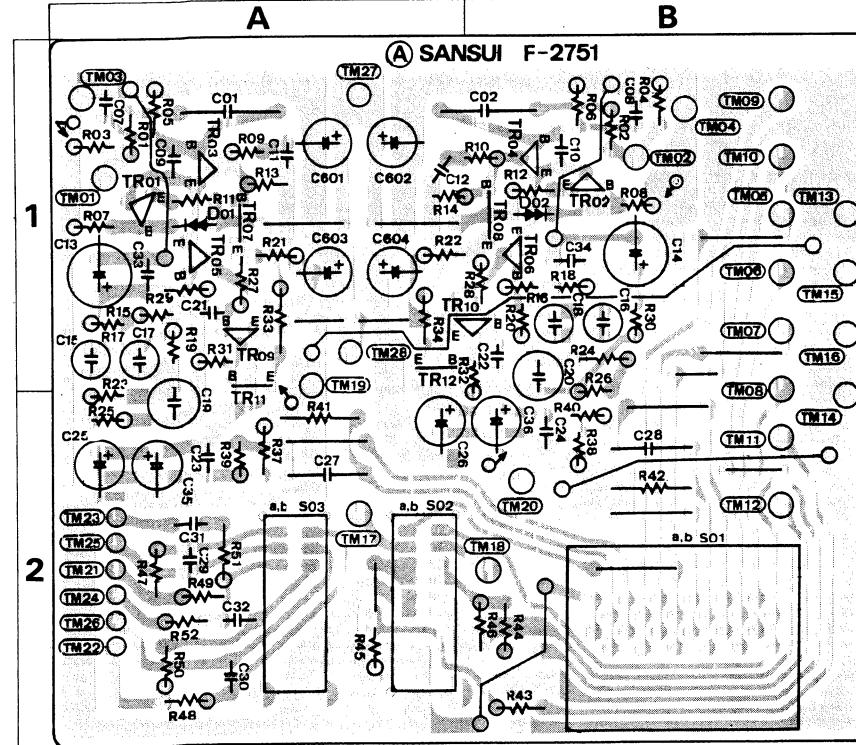
Parts List
Stock No. Stock No. Description
R 01, 02 0211100 10Ω 1W N.I.R.
R 03, 04 0211221 220Ω 1W N.I.R.

J 01 2430350 Jack, headphone

3-3. AU-317II

A) F-2751 Equalizer Circuit Board (Stock No. 7551501) (AU-317II Only)

Conductor Side

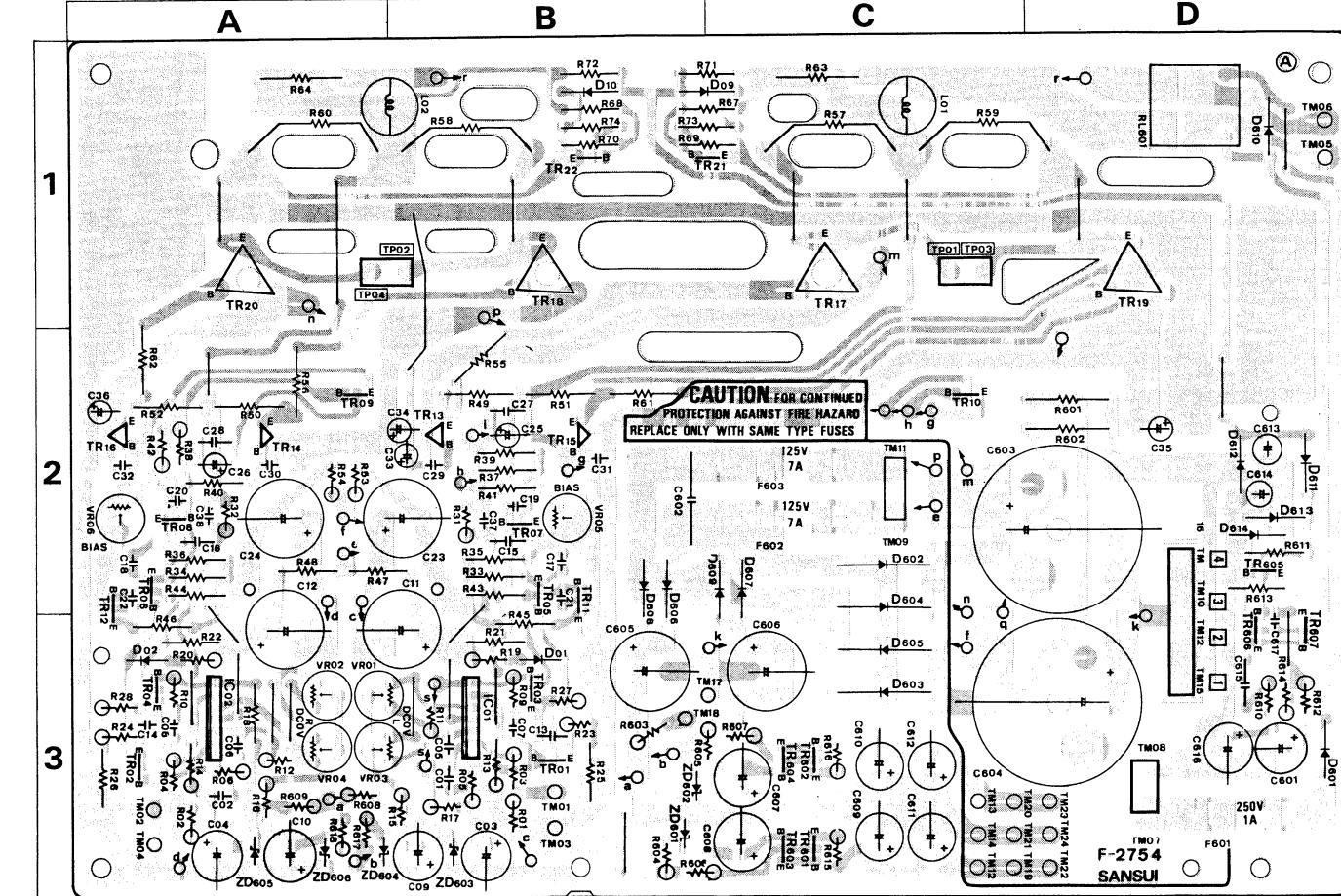


Parts List

Parts No.	Stock No.	Description	Position
Transistor			
TR01, 02	0301090, 1	2SA992 F, E	1A.1B
TR03, 04	0301170, 1	2SA991 F, E	1A.1B
TR05, 06	0301170, 1	2SA991 F, E	1A.1B
TR07, 08	0306740, 1	2SC1845 F, E	1A.1B
TR09, 10	0306740, 1	2SC1845 F, E	1A.1B
TR11, 12	030360, 1	2SB560MP D, E	1A
Varistor			
D 01, 02	0340150	MV12	1A.1B
Capacitor			
C 01, 02	0602109	1.0μF 100WV M.C.	1A.1B
C 07, 08	0620101	100pF 50V P.C.	1A.1B
C 11, 12	0620101	100pF 50V P.C.	1A
C 15, 16	0620151	150pF 50V P.C.	1A.1B
C 17, 18	0625272	2700pF 50WV P.C.	1A.1B
C 19, 20	0625103	10000pF 50WV P.C.	2A.1B
C 31, 32	0620391	390pF 50V P.C.	2A
Resistor			
R 15, 16	0231561	560Ω 1/2W M.R.	1A.1B
R 17, 18	0231220	22Ω 1/2W M.R.	1A.1B
R 19, 20	0231273	27Ω 1/2W M.R.	1A.1B
R 23, 24	0231304	300kΩ 1/2W M.R.	2A.1B
R 25, 26	0231153	15kΩ 1/2W M.R.	2A.2B
R 33, 34	0103392	3.9kΩ 1/2W C.R.	1A
Switch			
S 01	1102740	Rotary Switch, input selector 1B	
S 02	1171030	Lever Switch, tape monitor	2A
S 03	1171020	Lever Switch, loudness	2A

B) F-2754 Power Amplifier Circuit Board (Stock No. 7572231) (AU-317II Only)

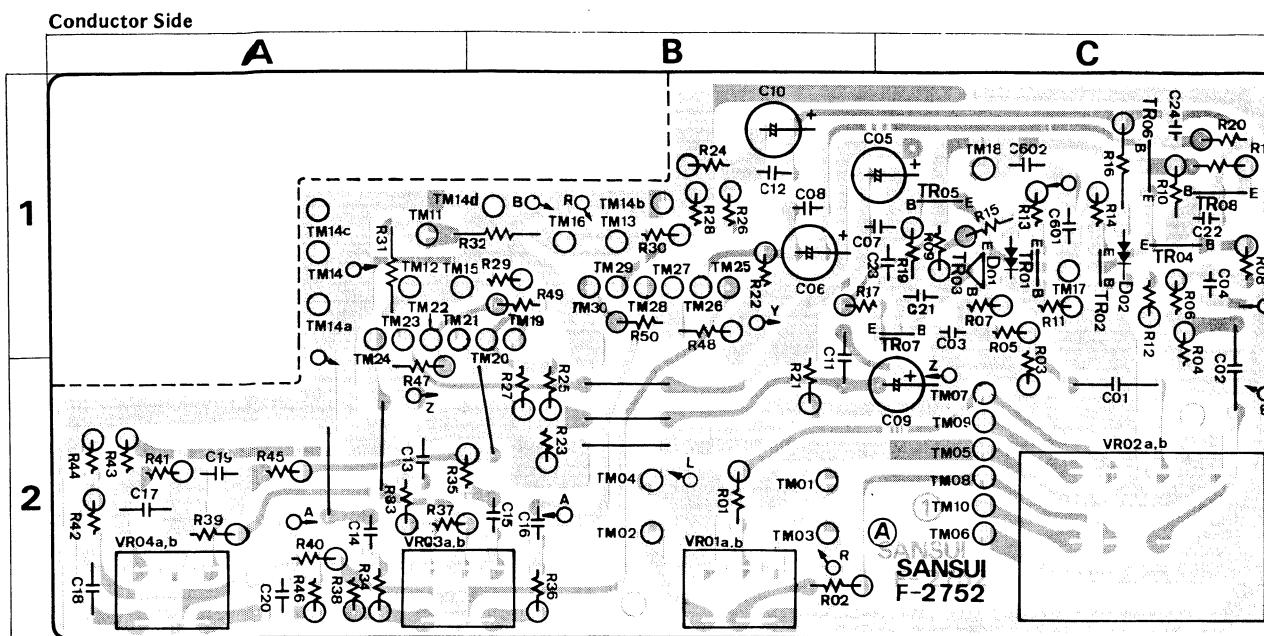
Conductor Side



Parts List

Parts No.	Stock No.	Description	Position
Transistor			
D 09, 10	0311160	1S2473D	1B
D 601	0301340	10D1	3D
D 602	0311570	ERD03-02H	2C
D 603	0311570	ERD03-02H	3C
D 604	0311570	ERD03-02H	2C
D 605	0311570	ERD03-02H	3C
D 606	0310340	10D1	2B
D 607	0310340	10D1	2C
D 608	0310340	10D1	2B
D 610	0310340	10D1	1D
D 611 ~ 14	0310400	1N34A	2D
Zener Diode			
ZD 601	0316110	EQA01-30R	3B
ZD 602	0316110	EQA01-30R	3B
ZD 603	0316020	EQA01-18R	3B.3A
ZD 605, 06	0316020	EQA01-18R	3A.3A
ZD 607	0305951, 2	2SC945 Q, P	3D
Capacitor			
C 01, 02	0620101	100pF 50V P.C.	3B.3A
C 07, 08	0620271	270pF 50V P.C.	18.3A
C 602	0605477	0.047μF 250V M.C.	2B
C 603	0549905	10000pF 56V E.C.	2D
C 604	0549905	10000pF 56V E.C.	3D
C 901, 02	0602109	1.0μF 100WV M.C.	
Relay			
RL 01	1150400	Relay	
RL 02	1150490	Relay	
Power Transistor			
F 601	0432220	1A 250V AC Fuse	3D
F 602, 03	0432500	7A 125V AC Fuse	2C
	2030050	Power Transistor Socket	

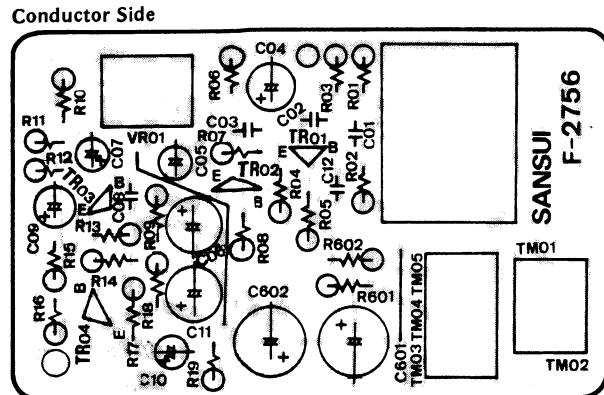
C) F-2752 Tone Control Circuit Board (Stock No. 7562801)(AU-317II Only)



Parts List

Parts No.	Stock No.	Description	Position	Parts No.	Stock No.	Description	Position	Parts No.	Stock No.	Description	Position
●Transistor				●Varistor				VR02	1090290	150kΩ B x 2	2C
TR01,02	0301090,1	2SA992 F, E	1C	D 01,02	0340150	MV12	1C	VR03	1015310,1	100kΩ C x 2	2A
TR03,04	0301170,1	2SA991 F, E	1C	R 17,18	0193680	68Ω 1/4W F.R.	1B,1C	VR01	1015320,1	250kΩ MN x 2	2B
TR05,06	0301170,1	2SA991 F, E	1C					VR04	1015310,1	100kΩ C x 2	2A
TR07,08	0306740,1	2SC1845 F, E	1C							Volume, bass	

D) F-2756 Mic Amp Circuit Board (Stock No. 7610431)(AU-317II Only)



Parts List

Parts No.	Stock No.	Description
●Transistor		
TR01	0301090,1	2SA992 F, E
TR02	0306740,1	2SC1845 F, E
TR03	0301090,1	2SA992 F, E
TR04	0306740,1	2SC1845 F, E
R 601,602	0193121	120Ω 1/4W F.R.
VR01	1090270	20kΩ (A) Volume, mixing level
J 01	2430330	Jack Mic

Note: The circuit boards, F-2750, F-2768, F-2753 & F-2731 are not supplied as the assembled, the individual parts on the circuit boards, however are provided for orders.

E) F-2750 Input Terminal Circuit Board (AU-317II Only)

Parts No.	Stock No.	Description
2200580		Input Terminal, tuner, aux, tape
2200600		Input Terminal, phono

F) F-2768 Output Connection Circuit Board (AU-317II Only)

Parts No.	Stock No.	Description
R 01,02	0212221	220Ω 2W N.I.R.
R 03,04	0202100	10Ω 2W N.I.R.
J 01	2430350	Jack, headphone

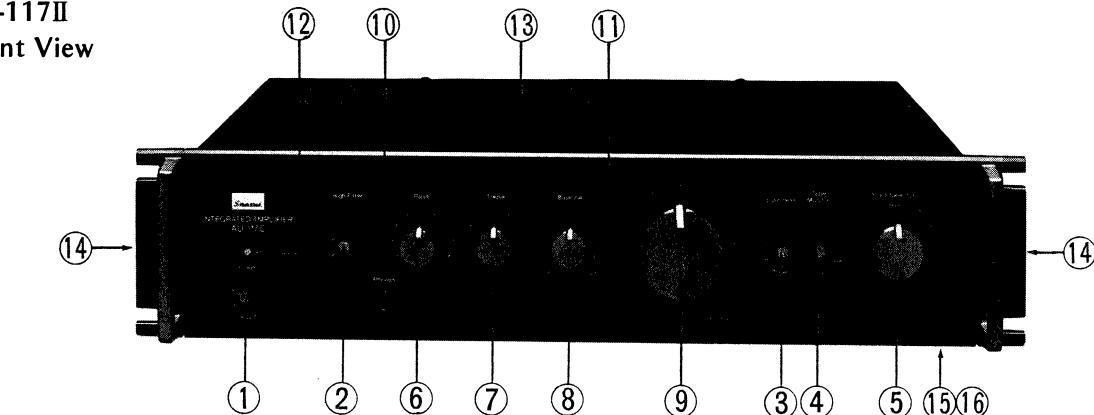
G) F-2753 Filter Circuit Board(AU-317II Only)

Parts No.	Stock No.	Description
S 01	1171040	Lever Switch, tone defeat
S 02	1171020	Lever Switch, high filter

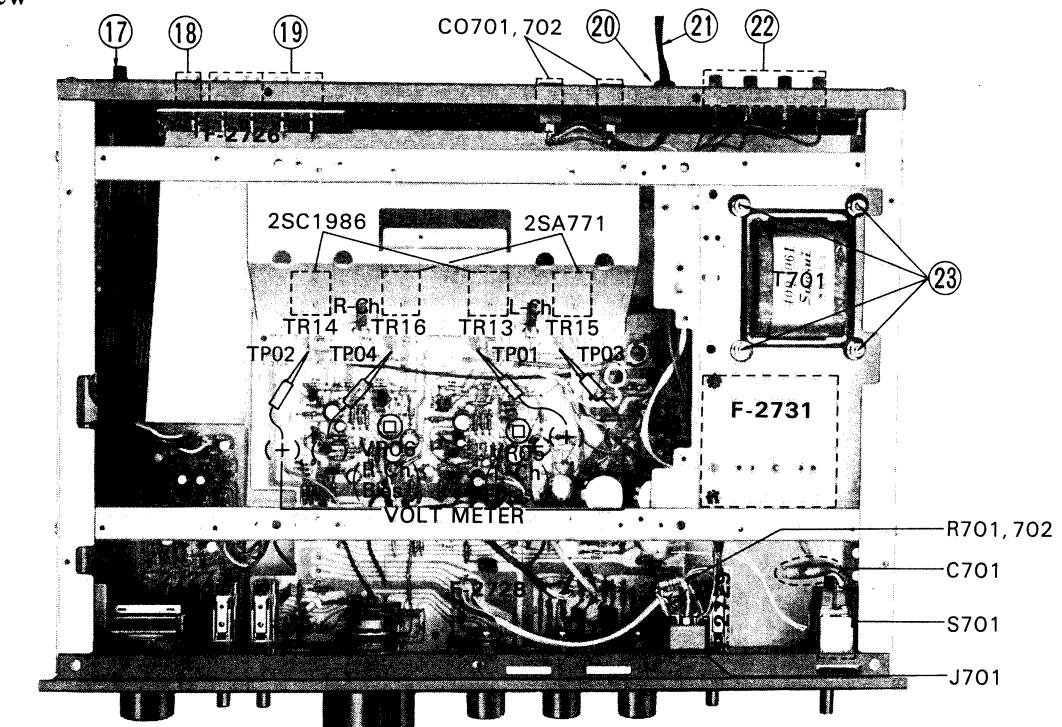
H) F-2731 Voltage Selector Circuit Board (AU-317II Only)

Parts No.	Stock No.	Description
F 01	0432260	3A 250V AC Fuse
	0432290	5A 125V AC Fuse
	2310220	Fuse Holder (Large)

4. OTHER PARTS

4-1. AU-117II
Front View

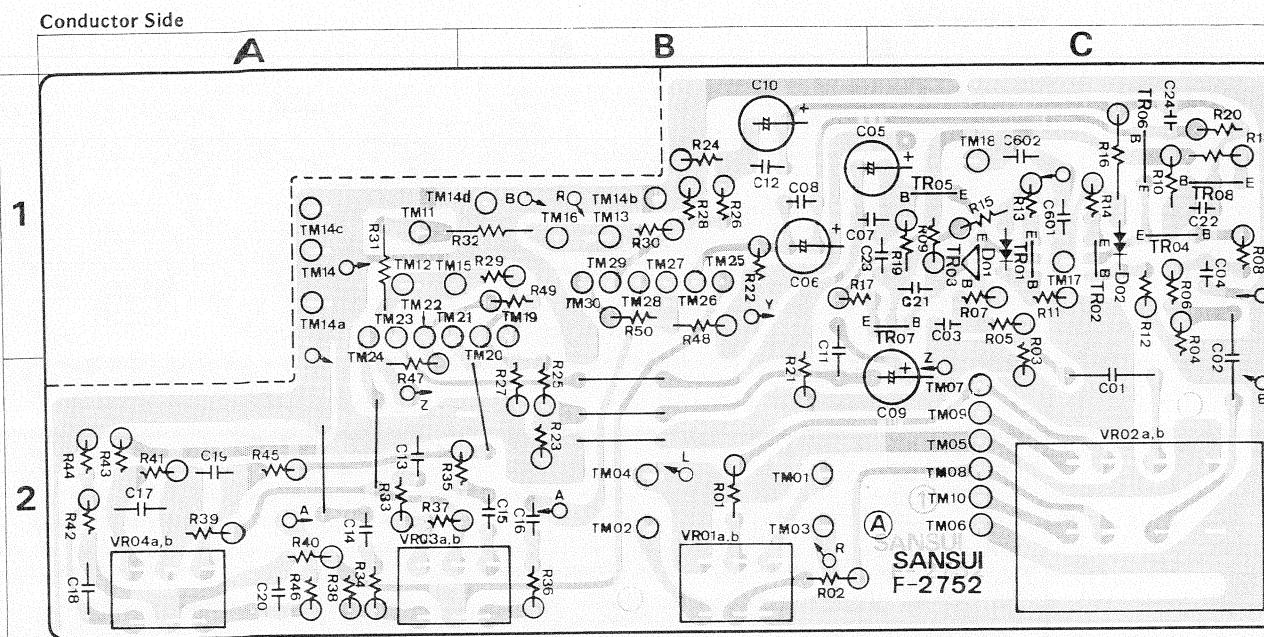
Bottom View



Parts List <Front & Bottom View>

Parts No.	Stock No.	Description	Parts No.	Stock No.	Description	Parts No.	Stock No.	Description
1	{ 5326612 1172000	Lever Switch Knob	9	{ 5318910 1011120, 1	Volume Knob	●Transistor	TR13, 14	0306541, 2
2	{ 5326612 1171020	Lever Switch, power	10	{ 5048050 5288962	250kΩ x 2 Volume	TR15, 16	0300911, 2	2SC1986 O, Y
3	{ 5326612 1171020	Lever Switch Knob	11	2430300	Masking Sheet (A)			2SA771 O, Y
4	{ 5326612 1171050	Lever Switch, loudness	12	7008250	Plate For VR (M8)	C 701	0659811	0.01μF 125V C.C.
5	{ 5318920 1101800	Lever Switch, tape monitor	13	0319120	Front Panel Ass'y	R 701, 702	0201221	220Ω 1W N.I.R.
6	{ 5048040 1015260, 1	Rotary Switch, input selector	14	0319120	LED	CO701, 702	2450070	AC Outlet
7	{ 5318930 1015260, 1	Masking Sheet (B)	15	5006920	LED	T 701	4003060	Power Transformer
8	{ 5318930 1015270, 1	Masking Sheet (D)	16	5396700	Bonnet	J 701	2430300	Power Cord
			17	5058773	Rack-mounting Adaptor (each)	S 701	1172000	Head Phone Jack
			18	5507350	Bottom Plate			
			19	2230150	Leg			
			20	2200580	Ground Terminal			
			21	3910600	Input Terminal, tuner, aux, tape			
			22	3800470	Input Terminal, phono			
			23	2210410	Strain Relief			
				5110903	Power Cord			
					Speaker Terminal			
					Flange Nut			

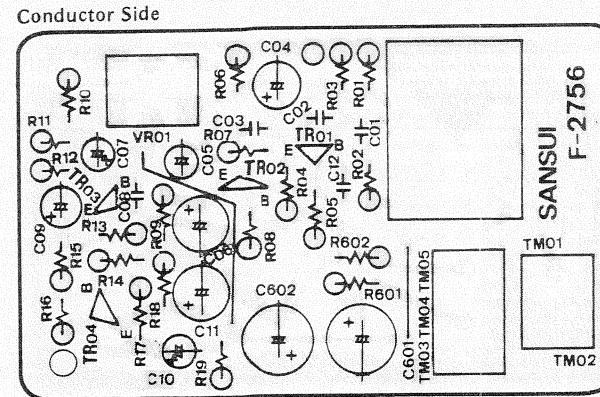
C) F-2752 Tone Control Circuit Board (Stock No. 7562801)(AU-317II Only)



Parts List

Parts No.	Stock No.	Description	Position	Parts No.	Stock No.	Description	Position	Parts No.	Stock No.	Description	Position
●Transistor				●Varistor				VR02	1090290	150kΩ B x 2	2C
TR01, 02	0301090, 1	2SA992 F, E	1C	D 01, 02	0340150	MV12	1C	VR03	1015310, 1	100kΩ C x 2	2A
TR03, 04	0301170, 1	2SA991 F, E	1C	R 17, 18	0193680	68Ω 1/4W F.R.	1B, 1C	VR04	1015310, 1	100kΩ C x 2	2A
TR05, 06	0301170, 1	2SA991 F, E	1C							Volume, bass	
TR07, 08	0306740, 1	2SC1845 F, E	1C								

D) F-2756 Mic Amp Circuit Board (Stock No. 7610431)(AU-317II Only)



Parts List

Parts No.	Stock No.	Description
●Transistor		
TR01	0301090, 1	2SA992 F, E
TR02	0306740, 1	2SC1845 F, E
TR03	0301090, 1	2SA992 F, E
TR04	0306740, 1	2SC1845 F, E
R 601, 602 0193121		
		120Ω 1/4W F.R.
VR01	1090270	20kΩ (A) Volume, mixing level
J 01	2430330	Jack Mic

Note: The circuit boards, F-2750, F-2768, F-2753 & F-2731 are not supplied as the assembled, the individual parts on the circuit boards, however are provided for orders.

E) F-2750 Input Terminal Circuit Board (AU-317II Only)

Parts No.	Stock No.	Description
	2200580	Input Terminal, tuner, aux, tape
	2200600	Input Terminal, phono

F) F-2768 Output Connection Circuit Board (AU-317II Only)

Parts No.	Stock No.	Description
R 01, 02	0212221	220Ω N.I.R.
R 03, 04	0202100	10Ω 2W N.I.R.
J 01	2430350	Jack, headphone

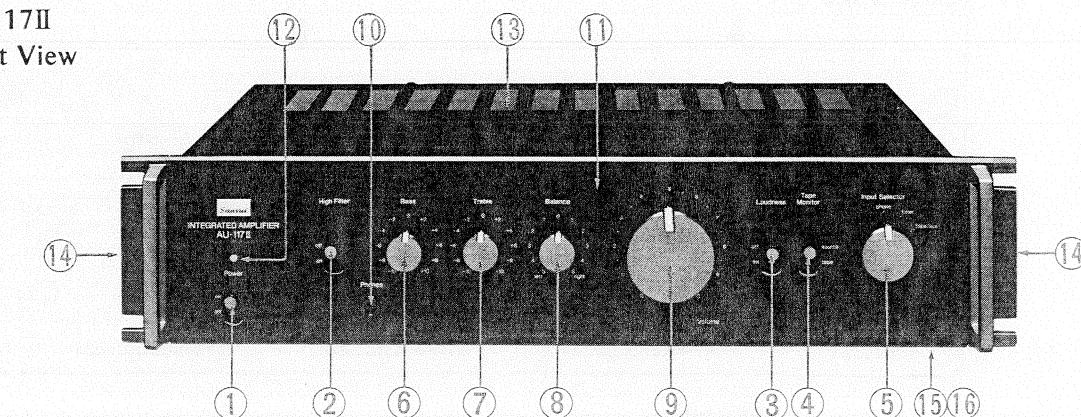
G) F-2753 Filter Circuit Board(AU-317II Only)

Parts No.	Stock No.	Description
S 01	1171040	Lever Switch, tone defeat
S 02	1171020	Lever Switch, high filter

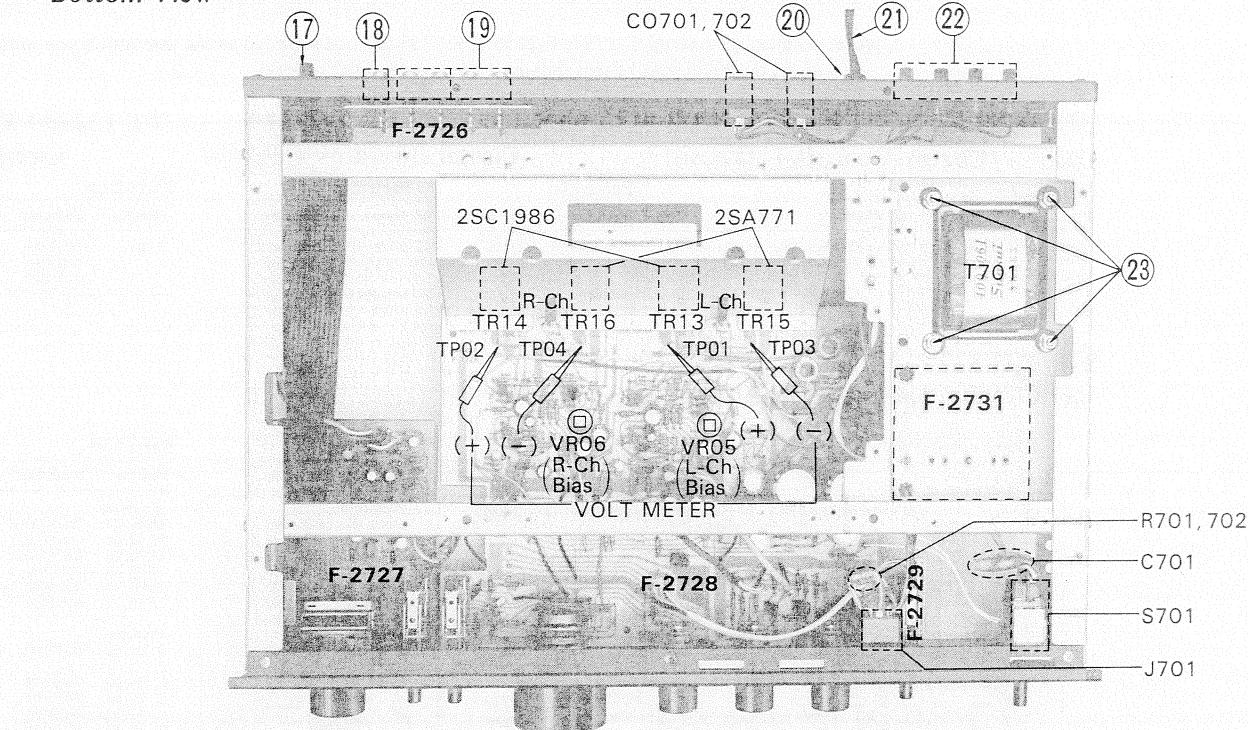
H) F-2731 Voltage Selector Circuit Board (AU-317II Only)

Parts No.	Stock No.	Description
F 01	0432260	3A 250V AC Fuse
	0432290	5A 125V AC Fuse
	2310220	Fuse Holder (Large)

4. OTHER PARTS

4-1. AU-117II
Front View

Bottom View



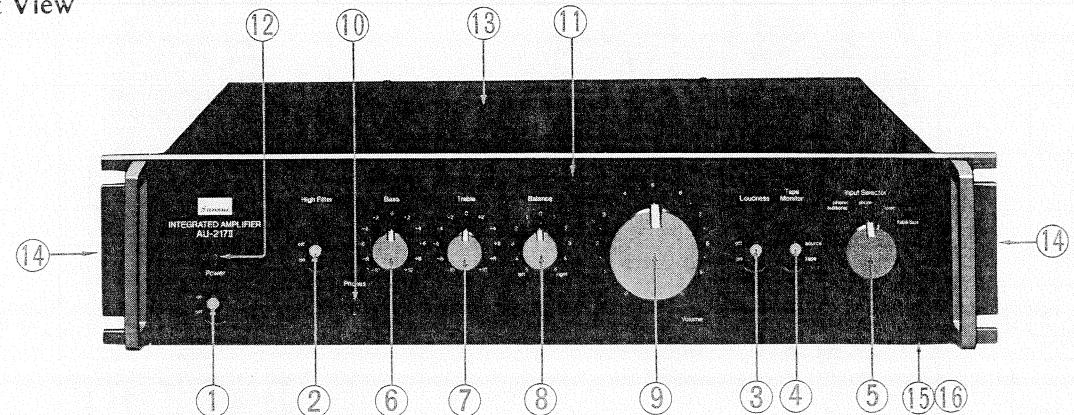
Parts List <Front & Bottom View>

Parts No.	Stock No.	Description
1	5326612 1172000	Lever Switch Knob Lever Switch, power
2	5326612 1171020	Lever Switch, high filter
3	5326612 1171020	Lever Switch Knob
4	5326612 1171050	Lever Switch Knob
5	5318920 1101800	M-10 TY Knob
6	5318930 1015260, 1	Rotary Switch, input selector
7	5318930 1015260, 1	100kΩ (C) x 2 Bass Volume
8	5318930 1015270, 1	100kΩ (C) x 2 Treble Volume
9	5318910 1011120, 1	250kΩ x 2 Volume
10	5048050 2430300	Masking Sheet (A)
11	5288962 7008250	Plate For VR (M8)
12	0319120 0319120	Front Panel Ass'y
13	5006920 5396700	LED
14	5006920 5058773	Bonnet
15	5058773 5507350	Rack-mounting Adaptor (each)
16	5507350 2230150	Bottom Plate
17	2230150 2200580	Leg
18	2200580 2200600	Ground Terminal
19	2200600 3910600	Input Terminal, tuner, aux, tape
20	3910600 3800470	Input Terminal, phono
21	3800470 2210410	Strain Relief
22	2210410 5110903	Power Cord
23	5110903	Speaker Terminal
		Flange Nut

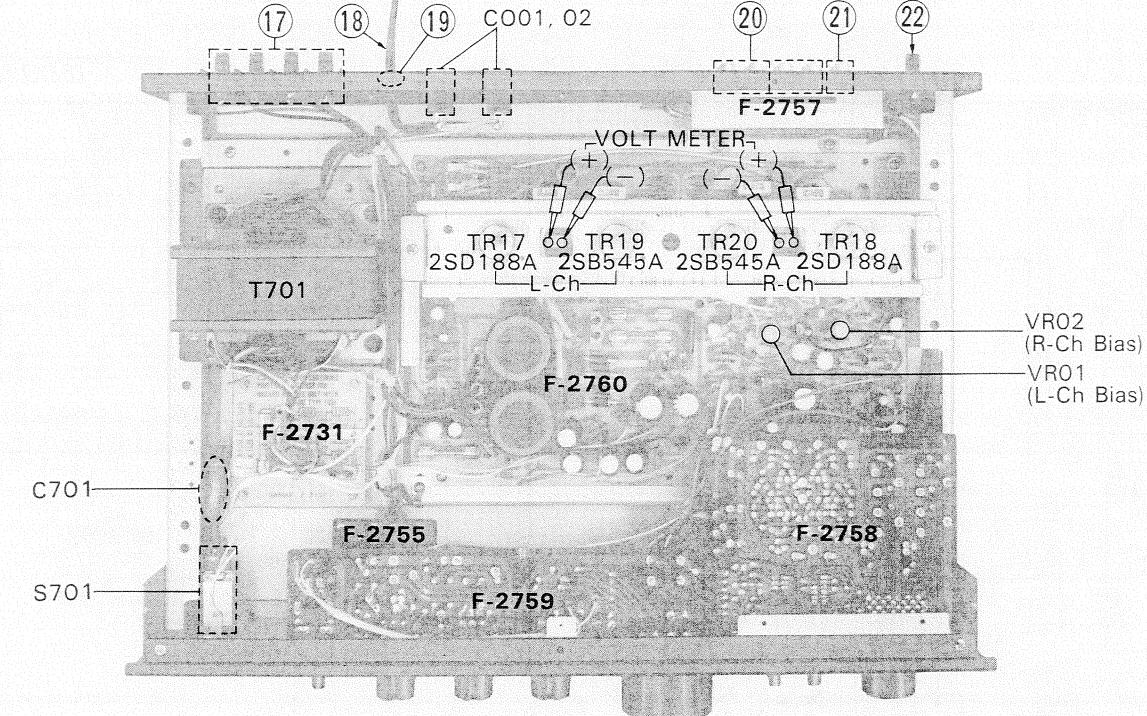
AU-117II/AU-217II
AU-317IIAU-117II/AU-217II
AU-317II

4-2. AU-217II

Front View



Top View

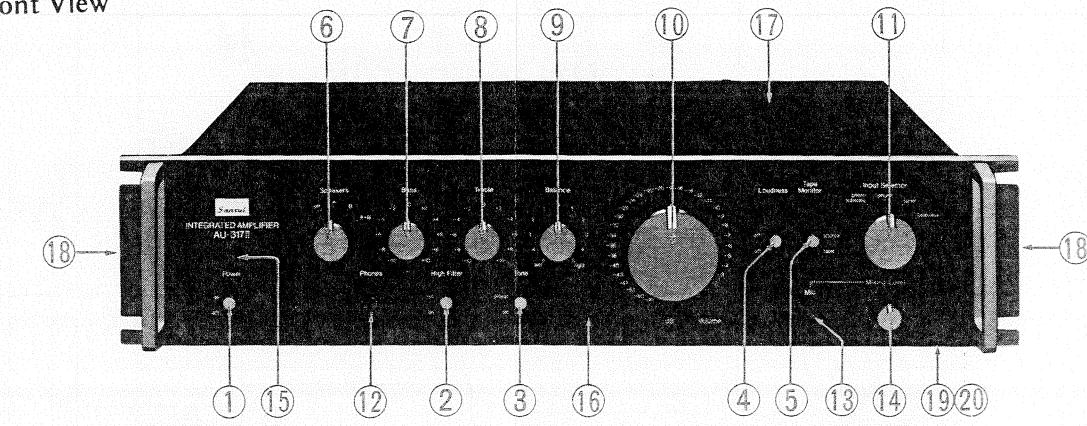


Parts List <Front & Top View>

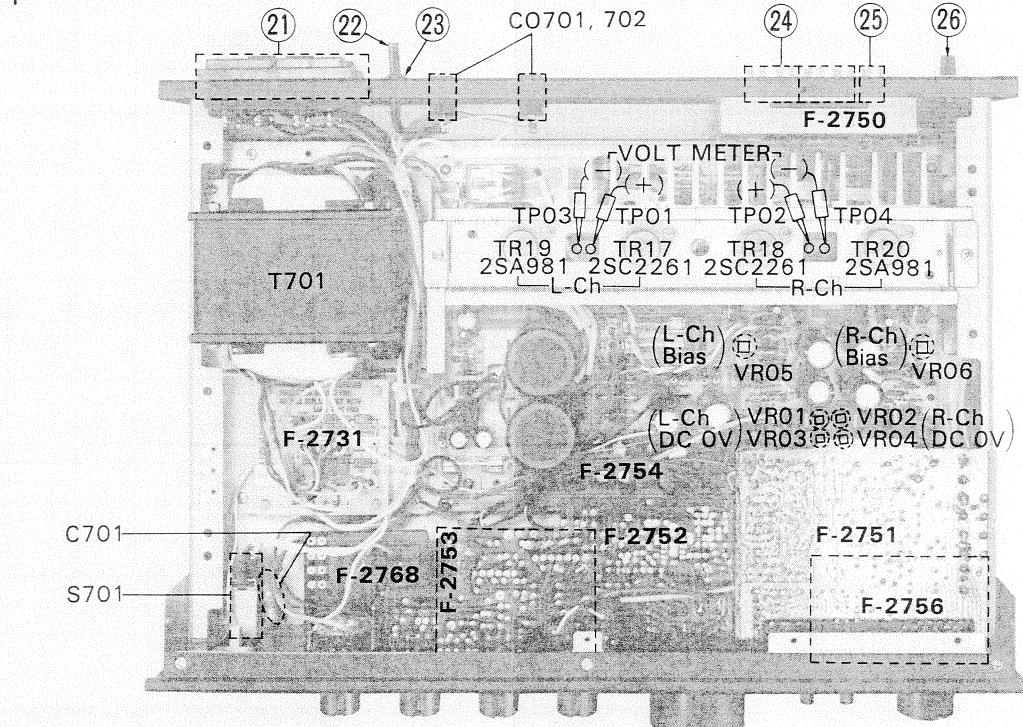
Parts No.	Stock No.	Description	Parts No.	Stock No.	Description	Parts No.	Stock No.	Description
1	5326612	Lever Switch Knob, power	8	{ 5318930 1015270, 1	S-14 TY Knob, balance volume 250kΩ (MN) x 2 Balance Volume	19	3910600	Strain Relief
	1172000	Lever Switch, power	5048020		Masking Sheet (D)	20	2200580	Input Terminal, tuner, aux, tape
2	5326612	Lever Switch Knob, high filter	{ 5318910 1011120, 1	Volume Knob 250kΩ x 2 Volume	21	2200600	Input Terminal, phono	
	1171020	Lever Switch, high filter	5048050	Masking Sheet (A)	22	2230150	Ground Terminal	
3	5326612	Lever Switch Knob, loudness	5288962	Plate (MB), volume	5288721		Plate D03, D04 on F-2760	
	1171020	Lever Switch, loudness						
4	5326612	Lever Switch Knob, tape monitor	10	2430350	Head Phone Jack	● Transistor		
	1171030	Lever Switch, tape monitor		TR17, 18 0308541, 2	2SD188A R, Q	1	{ 5326612 1172010	Lever Switch Knob, balance volume
5	5318920	M-10 TY Knob, input selector	11	7008210	Front Panel Ass'y		5048030	250kΩ (MN) x 2 Balance Volume
	5048040	Rotary Switch, input selector	12	0319120	LED	2	{ 5326612 1171020	Lever Switch Knob, high filter
	5318930	Masking Sheet (B)	13	5006930	Bonnet	3	{ 5326612 1171040	Lever Switch Knob, tone defeat
6	1015260, 1	S-14 TY Knob, bass volume	14	5396700	Rack-mounting Adaptor (each)	4	{ 5326612 1171020	Lever Switch Knob, loudness
	5048020	100kΩ (C) x 2 Bass Volume	15	5058762	Bottom Plate	5	{ 5326612 1171030	Lever Switch Knob, tape monitor
	5318930	Masking Sheet (D)	16	5507350	Leg	6	{ 5318930 1101560, 1	Lever Switch, speakers
7	1015260, 1	S-14 TY Knob, treble volume	17	2210410	Speaker Terminal	7	{ 5318930 1015310, 1	Rotary Switch, speakers
	5048020	100kΩ (C) x 2 Treble Volume	18	3800470, 1	Power Transformer	8	{ 5318930 1015310, 1	Masking Sheet (C)
		Masking Sheet (D)						

4-3. AU-317II

Front View



Top View

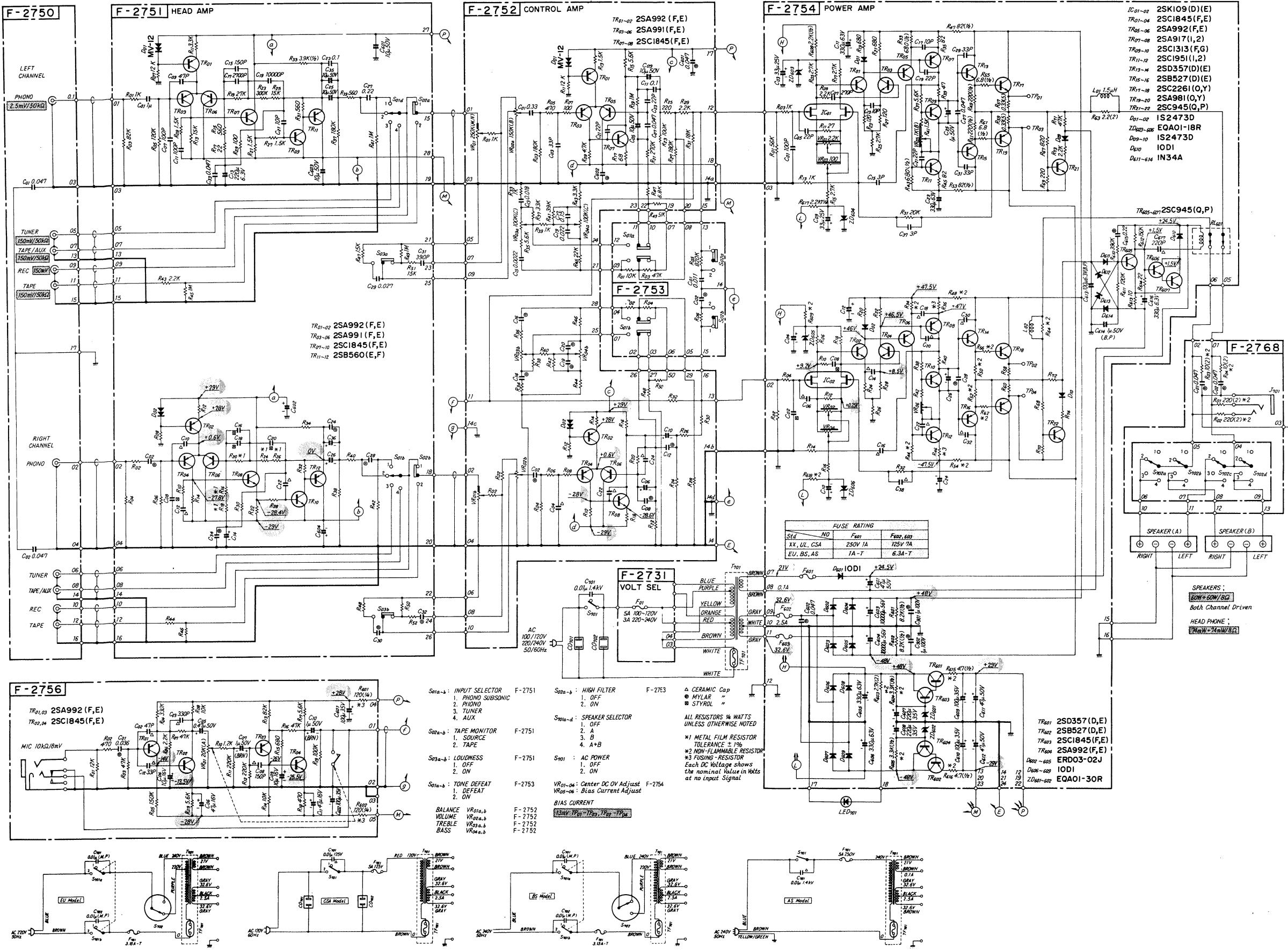


Parts List <Front & Top View>

Parts No.	Stock No.	Description	Parts No.	Stock No.	Description	Parts No.	Stock No.	Description
1	{ 5326612 1015320, 1	Lever Switch Knob, power	9	{ 5318930 1015320, 1	S-14 TY Knob, balance volume	18	5396700	Rack-mounting Adaptor (each)
	5058762	Lever Switch, power		5048030	250kΩ (MN) x 2 Balance Volume	19	5058762	Bottom Plate
2	{ 5326612 1171020	Lever Switch Knob, high filter		5318910	Masking Sheet (C)	20	5507350	Leg
	5318910	Lever Switch, high filter		5318910	Volume Knob	21	2290190	Speaker Terminal
3	{ 5326612 1171040	Lever Switch Knob, tone defeat	10	1090290	150kΩ x 2 Volume	22	3800470, 1	Power Cord
	5048050	Lever Switch, tone defeat		5236741	Masking Sheet (A)	23	3910600	Strain Relief
4	{ 5326612 1171020	Lever Switch Knob, loudness	11	5318920	Plate (M9), volume	24	2200580	Input Terminal, tuner, aux, tape
	5318920	Lever Switch, loudness		5048040	M-10 TY Knob, input selector	25	2200600	Input Terminal, phono
5	{ 5326612 1171030	Lever Switch Knob, tape monitor	12	2430350	Rotary Switch, input selector	26	2230150	Ground Terminal
	5048040	Lever Switch, tape monitor		5318930	Masking Sheet (B)	27	5288721	Plate, D09, D10 on F-2754
6	{ 5318930 1101560, 1	S-14 TY Knob, speakers	13	2430330	Jack, headphone			
	5048030	Masking Sheet (C)	14	5318940	Mic Jack			
7	{ 5318930 1015310, 1	S-14 TY Knob, bass volume	15	{ 5318940 1090270	E-18 TY Knob, mic mixing level volume			
	5048030	100kΩ (C) x 2 Bass Volume		5048040	Masking Sheet (B)			
8	{ 5318930 1015310, 1	Speaker Terminal	16	0319120	20kΩ (A) Mic Mixing Level Volume			
	5048030	Power Cord		7008230	Light Emitted Diode			
				5006930	Front Panel Ass'y			
				0319120	LED			
				7001	Bonnet			
				5006930	Power Switch			

A	B	C	D	E	F	G	H
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5. SCHEMATIC DIAGRAM 5-1. AU-317II



• Design and specifications subject to change without notice for improvement.
 • La présentation et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
 • Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.

AU-117II/AU-217II
AU-317II

AU-117II/AU-217II
AU-317II

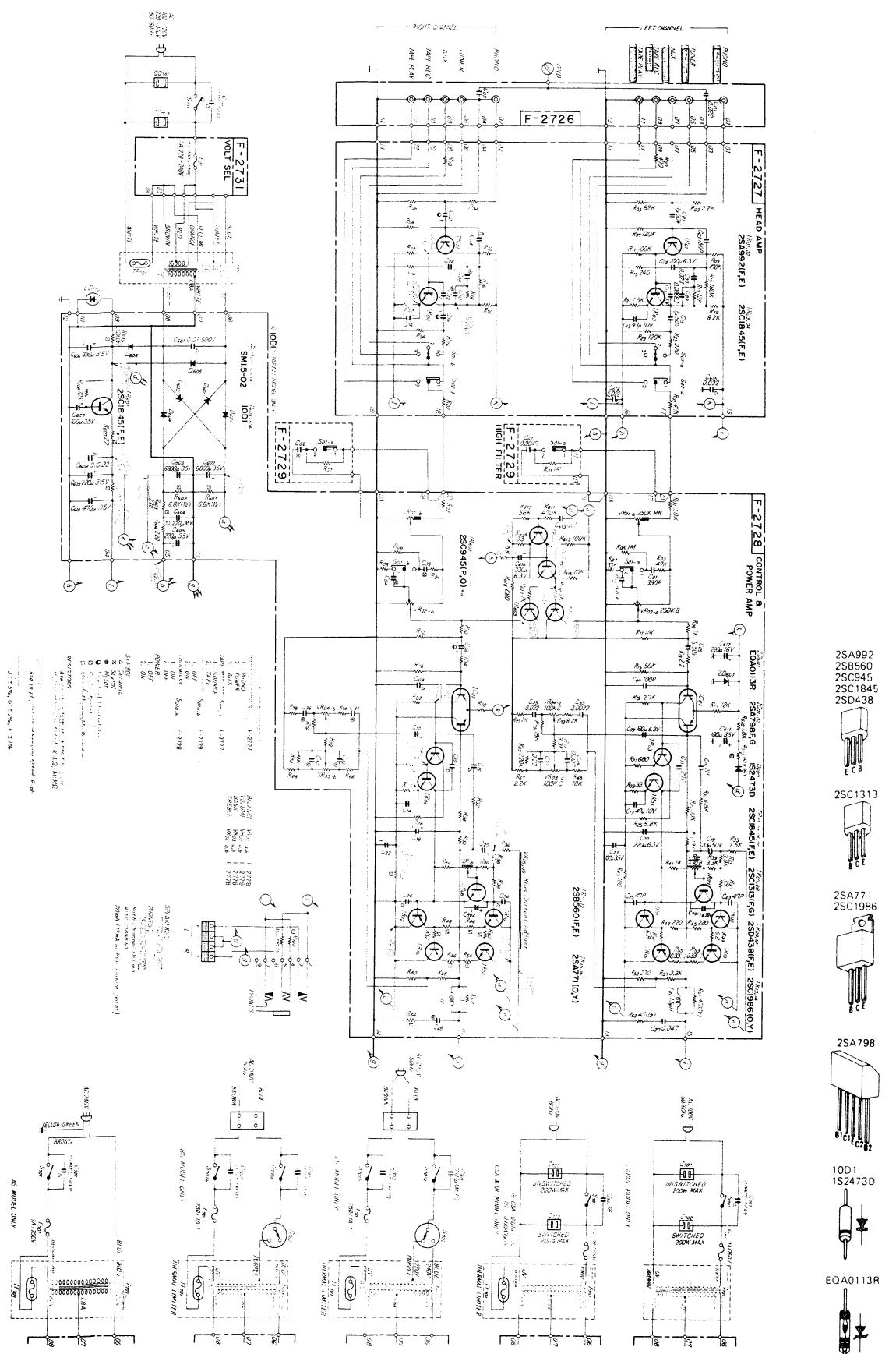
A

B

C

D

5-3. AU-117II



6. PACKING LIST

6-1. AU-117II

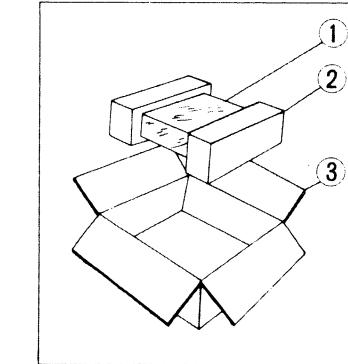
Parts No.	Stock No.	Description
1	9116760	Vinyl Cover
2	9028081	Styrofoam Packing
3	9001720	Carton Case

6-2. AU-217II

Parts No.	Stock No.	Description
1	9116760	Vinyl Cover
2	9028081	Styrofoam Packing
3	9001740	Carton Case

6-3. AU-317II

Parts No.	Stock No.	Description
1	9116760	Vinyl Cover
2	9028081	Styrofoam Packing
3	9001760	Carton Case



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7. ACCESSORY PARTS LIST

7-1. AU-117II

Stock No.	Description
9204520	Operating Instructions
5396700	Rack-mounting Adaptor (each)
9116830	Vinyl Bag For Rack-mounting Adaptor
9238120	Schematic Diagram

7-2. AU-217II

Stock No.	Description
9204530	Operating Instructions
5396700	Rack-mounting Adaptor (each)
9116830	Vinyl Bag For Rack-mounting Adaptor
9238130	Schematic Diagram

7-3. AU-317II

Stock No.	Description
9204540	Operating Instructions
5396700	Rack-mounting Adaptor (each)
9116830	Vinyl Bag For Rack-mounting Adaptor
9238140	Schematic Diagram